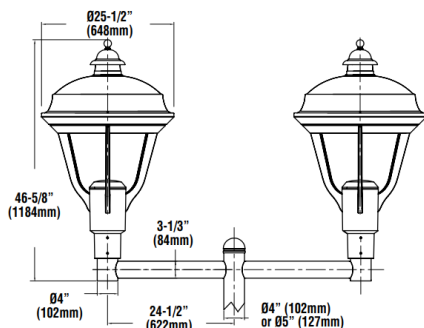


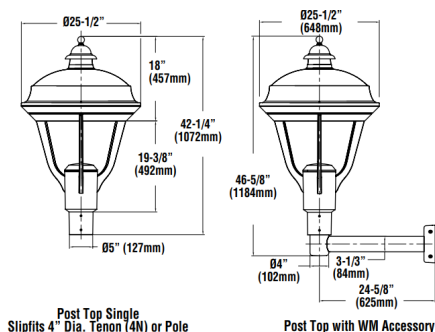
## LXL SERIES DECORATIVE LED



### DIMENSIONS



Post Top with BK MPT BO (x2)  
Mounts to 4" or 5" Dia. D180 Bolt-on Pole  
(select 3" reduced drilling pattern)



Post Top Single  
Slipfits 4" Dia. Tenon (4N) or Pole

Post Top with WM Accessory



Made in the U.S.A. of the U.S. and imported parts.  
Meets Buy American requirements for ARRA.

### SPECIFICATIONS

#### CONSTRUCTION

- Rugged die-cast aluminum housing.
- Cast aluminum wiring access door located in lower hub/fitter.
- Rigid die-cast aluminum arms for consistency and strength.
- Precision die-cast aluminum heat sink and optical frame.
- Removable spun aluminum cap/driver enclosure is retained by captive stainless steel fasteners and safety cables. Housing and top cap interface is sealed with a one-piece extruded silicone gasket.
- All exposed fasteners are black oxide coated stainless steel. Internal fasteners are stainless steel or zinc electroplated steel.
- IP65 rated luminaire protects integral components from harsh environments.
- 1.5G rated for ANSI C136.31 high vibration applications.
- Fixtures are finished with WLS's DuraGrip® polyester powder coat finishing process. The DuraGrip finish withstands extreme weather changes without cracking or peeling. Other standard WLS finishes available. Consult factory.

#### OPTICAL SYSTEM

- State-of-the-Art one piece silicone optic sheet delivers industry leading optical control with an integrated gasket to provide IP66 rated sealed optical chamber in 1 component.
- Proprietary silicone refractor optics provide exceptional coverage and uniformity in IES types 2, 3, 5W and FT.
- Silicone optical material does not yellow or crack with age and provides a minimum light transmittance of 93%.
- Optical distributions are field rotatable (in 90° increments).
- Available in 5000K, 4000K and 3000K (+/- 275K) color temperature.
- Minimum CRI of 70. Consult factory for higher CRI requirements.
- Integral Louver (IL) option available for improved back-light control without sacrificing street side performance.

#### ELECTRICAL

- High-performance driver features over-voltage, under-voltage, short-circuit and over temperature protection.
- 0-10V dimming (10% - 100%) standard.
- Standard Universal Voltage (120-277 Vac) Input 50-60 Hz or optional High Voltage (347-480 Vac).
- L70 Calculated Life: >100k Hours (See Lumen Maintenance on Page 2)
- Total harmonic distortion: <20%
- Operating temperature: -40°C to +50°C (-40°F to +122°F)
- Power factor: > .90
- Input power stays constant over life.
- Field replaceable surge protection device meets a minimum Category C Low operation (per ANSI/IEEE C62.41.2).
- High-efficacy LEDs mounted to metal-core circuit board to maximize heat dissipation.
- Terminal block provided accepts up to 10ga wire, however the luminaire is supplied with a 32' 3 conductor wire harness.
- Components are fully encased in potting material for moisture resistance. Driver complies with FCC standards. Driver and key electronic components can easily be accessed.

#### INSTALLATION

- Mounts to 4" O.D. pole or tenon.
- Secures to pole with 6 stainless steel set screws.
- 32' wire leads are provided bundled in the slip fitter hub for ease of wiring.

#### WARRANTY

- 5-year warranty

#### LISTINGS

- Listed to UL 1598 and UL 8750.
- State of California Title 24.
- Designlights Consortium® (DLC) qualified product. Not all versions of this product may be DLC qualified.
- Meets Buy American Act requirements.
- Suitable for wet locations.
- IP65 rated luminaire. IP66 rated optical chamber.



Project Name: \_\_\_\_\_

Date: \_\_\_\_\_

Location: \_\_\_\_\_

Notes: \_\_\_\_\_

# LXL SERIES

DECORATIVE LED

## ORDERING INFORMATION

SELECT APPROPRIATE CHOICE FROM EACH COLUMN TO FORMULATE ORDER CODE.

Refer to example below.

SERIES	MOUNTING STYLE	DISTRIBUTION	LIGHT SOURCE	LUMEN PACKAGE	COLOR TEMPERATURE	INPUT VOLTAGE	LUMINAIRE FINISH	ACCESSORIES
<b>LXL</b>	<b>PT</b> - Post Top	<b>2</b> - Type II <b>3</b> - Type III <b>5W</b> - Type V Wide <b>FT</b> - Forward Throw (Type IV)	<b>LED</b>	<b>5L</b> - 5,000 Lumens <b>10L</b> - 10,000 Lumens <b>18L</b> - 18,000 Lumens <b>25L</b> - 25,000 Lumens	<b>30</b> - 3000K <b>40</b> - 4000K <b>50</b> - 5000K	<b>UNV</b> - Universal Voltage (120-277V) <b>HV</b> - High Voltage (347-480V)	<b>BRZ</b> - Bronze <b>BLK</b> - Black <b>PLP</b> - Platinum Plus <b>WHT</b> - White <b>SVG</b> - Satin Verde Green <b>GPT</b> - Graphite <b>MSV</b> - Metallic Silver	<b>IL</b> - Integral Louver Shield (Black only) <b>WM</b> - Wall Mount <b>BK MPT BO4</b> - Medium Bolt on Bracket (for PT 180) For 4" Dia. Round Poles <sup>2</sup> <b>BK MPT BO5</b> - Medium Bolt on Bracket (for PT 180) For 5" Dia. Round Poles <sup>2</sup> <b>SF</b> - Single Fusing (specify voltage) <sup>1</sup> <b>DF</b> - Double Fusing (specify voltage) <sup>1</sup>

## ORDER:

<b>WLS-LXL</b>	<b>PT</b>		<b>LED</b>					
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Example: WLS-LXL-PT-5W-LED-10L-40-UNV-BLK

## FOOTNOTES:

1- Fusing must be located in hand hole of pole.  
2- Order poles with 3" reduced drilling pattern. For PT mounting configurations other than D180, consult factory. Order one bracket per fixture.

## Post Top and Side Arm - Recommended Lumen Maintenance<sup>1</sup>

Ambient Temp C	Initial <sup>2</sup>	25K hr <sup>2</sup>	50k hr <sup>2</sup>	75k hr <sup>3</sup>	100k hr <sup>3</sup>
0 C	99%	97%	96%	95%	94%
10 C	99%	97%	96%	95%	93%
20 C	99%	97%	95%	94%	92%
25C	98%	97%	95%	93%	92%
30 C	98%	97%	95%	93%	92%
40 C	98%	97%	95%	93%	91%

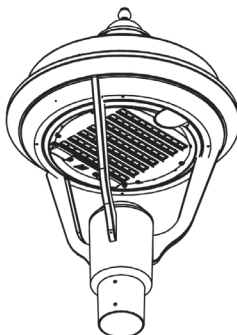
## LUMINAIRE EPA CHART - LXL Series

	MOUNTING STYLE	
<b>■ PT Single</b>	PT	1.4
<b>■ ■ ■ PT D180° with BK MPT BO (2)</b>	PT	2.7

## SHIPPING WEIGHTS - LXL Series

Catalog Number	Est. Weight (kg/lbs.)
LXL (PT)	29/64

Fixture Shown with Integral Louver (IL)



**WLS** LIGHTING  
SYSTEMS

1919 Windsor Place  
Fort Worth, TX 76110  
800.633.8711

www.wslighting.com

Project Name: \_\_\_\_\_

Date: \_\_\_\_\_

Location: \_\_\_\_\_

Notes: \_\_\_\_\_

01 REV. 11/20

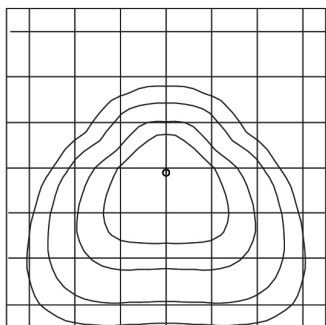
Specifications subject to change without notice.

# LXL SERIES

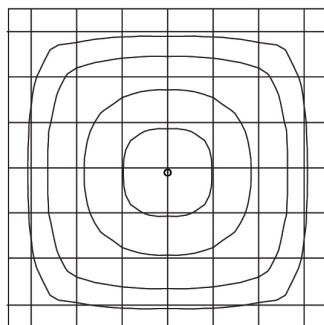
DECORATIVE LED

DELIVERED LUMENS											
Lumen Package	Distribution	3000K CCT			4000K CCT			5000K CCT			WATTAGE
		Delivered Lumens	Efficacy	BUG Rating	Delivered Lumens	Efficacy	BUG Rating	Delivered Lumens	Efficacy	BUG Rating	
5L	2	4568	117	B2-U1-G1	5047	129	B2-U1-G1	5297	136	B2-U1-G1	39
	3	4697	120	B1-U1-G2	5189	132	B1-U1-G2	5447	140	B1-U1-G2	
	FT	4575	117	B1-U1-G2	5054	129	B1-U1-G2	5305	136	B1-U1-G2	
	5W	4602	118	B3-U1-G1	5084	130	B3-U1-G1	5336	137	B3-U1-G1	
10L	2	9100	117	B2-U2-G2	10054	130	B2-U2-G2	10553	135	B2-U2-G2	78
	3	9360	120	B2-U2-G2	10341	134	B2-U2-G2	10854	139	B2-U2-G2	
	FT	9107	117	B2-U2-G2	10061	130	B2-U2-G2	10560	135	B2-U2-G2	
	5W	9152	120	B4-U2-G2	10020	130	B4-U2-G2	10517	135	B4-U2-G2	
18L	2	16650	112	B3-U2-G3	18113	122	B3-U2-G3	19012	128	B3-U2-G3	149
	3	17108	115	B3-U2-G3	18756	126	B3-U2-G3	19687	132	B3-U2-G3	
	FT	16725	112	B3-U2-G3	18336	123	B3-U2-G3	19246	129	B3-U2-G3	
	5W	16810	113	B4-U2-G2	18429	124	B4-U2-G2	19344	130	B4-U2-G2	
25L	2	22952	102	B4-U2-G3	25057	110	B4-U2-G3	26301	115	B4-U2-G3	228
	3	23544	103	B3-U2-G3	25921	114	B3-U2-G3	27208	119	B3-U2-G3	
	FT	22902	100	B3-U2-G4	25215	111	B3-U2-G4	26466	116	B3-U2-G4	
	5W	23612	104	B5-U2-G3	25996	114	B5-U2-G3	27286	120	B5-U2-G3	

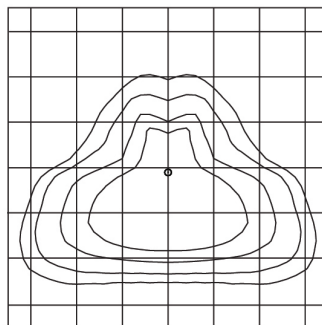
Luminaire photometry has been conducted by a NVLAP accredited testing laboratory in accordance with IESNA LM-79-08. As specified by IESNA LM-79-08 the entire luminaire is tested as the source resulting in a luminaire efficiency of 100%



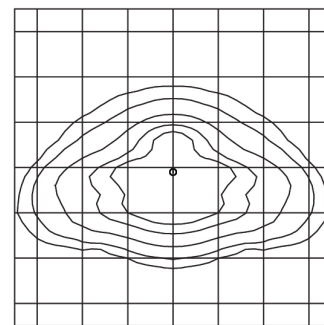
FT



5W



Type 3



Type 2

**WLS** LIGHTING  
SYSTEMS

1919 Windsor Place  
Fort Worth, TX 76110  
800.633.8711

[www.wslighting.com](http://www.wslighting.com)

Project Name: \_\_\_\_\_

Date: \_\_\_\_\_

Location: \_\_\_\_\_

Notes: \_\_\_\_\_

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Specifications subject to change without notice.